Index of Claims

DOSHO ET AL.

Applicant(s)/Patent under Reexamination

10/680,129

Examiner

Art Unit

DINH T. LE

2816

| √ | Rejected |
|----------|----------|
| = | Allowed |

(Through numeral) Cancelled

Restricted

Non-Elected N Interference

Appeal Α 0 Objected

| Cla | | L | | | | Date | • | 1 | | \blacksquare | |
|--|--|--------------|----------|--------------|---------------------------|--|--|----------|--|-----------------|--|
| Final | Original | 2/16/06 | | | | | | | | | |
| | 1 | V | | | | | | | | | |
| | 2 | V | | | | | | | | | |
| | 1 2 3 4 5 | ٧ | | | | | | | | | |
| | 4 | ٧ | | | | | | | | | |
| | 5 | V | | | | | | | | | |
| | 6 | >>>>>>> | | | | | | | | | |
| | 7 | ٧ | | | | | | | | | |
| | 8 | | | | | | | | | Ш | |
| | 9 | $oxed{oxed}$ | | | L | | | | | | |
| | 10 | _ | | | | _ | _ | | _ | | |
| | 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 22 23 24 25 26 27 | <u> </u> | <u> </u> | | $ldsymbol{ldsymbol{eta}}$ | _ | | <u> </u> | | Ш | |
| | 12 | | <u> </u> | | <u> </u> | <u> </u> | | <u> </u> | | | |
| | 13 | \vdash | \vdash | | <u> </u> | \vdash | \square | Ш | ļ | | |
| | 14 | | | | <u> </u> | | | | | _ | |
| | 15 | \vdash | | | - | <u> </u> | \vdash | \vdash | Н | Н | |
| | 10 | \vdash | | _ | <u> </u> | - | | _ | | \dashv | |
| | 10 | \vdash | | _ | | | | - | | Н | |
| <u> </u> | 10 | - | - | _ | ├ | \vdash | - | | _ | Н | |
| - | 20 | ⊢ | | \vdash | \vdash | - | | | - | Н | |
| | 21 | \vdash | | | ├─ | \vdash | \vdash | _ | - | Н | |
| | 22 | - | | | \vdash | \vdash | ┝ | _ | _ | Н | |
| | 23 | 1 | | _ | - | - | | _ | - | H | |
| - | 24 | ╁ | | | \vdash | | | | \vdash | Н | |
| | 25 | | | | | | | | | \vdash | |
| | 26 | | | | | İ | | | | П | |
| | 27 | | | | | | | | | П | |
| | 28 | П | | | | | Г | | | | |
| | 29 | | | | | | | | | | |
| | 30 | | | | | | | | | | |
| | 31 | | | | | | | | | | |
| | 32 | | | | | | | | | | |
| | 28 29 30 31 32 33 34 35 | | | L | | \Box | \Box | L | | Ш | |
| | 34 | | | | | | ļ | _ | L | Щ | |
| | 35 | | <u> </u> | _ | | _ | L | | _ | Ш | |
| | 36 37 38 | L | <u> </u> | _ | L | _ | <u> </u> | _ | <u> </u> | Щ | |
| | 37 | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | \vdash | \sqcup | |
| | 38 | <u> </u> | _ | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Щ | |
| | 39 | ├- | <u> </u> | - | _ | ₩ | <u> </u> | - | \vdash | $\vdash \vdash$ | |
| | 40 | \vdash | ├— | | <u> </u> | | <u> </u> | \vdash | <u> </u> | Н | |
| | 41 | ₩ | ├ | - | \vdash | - | - | ├— | ⊢ | $\vdash \vdash$ | |
| <u> </u> | 42 | \vdash | \vdash | \vdash | ⊢ | \vdash | | ⊢ | | \vdash | |
| - | 44 | ├- | ├ | ├ | | - | \vdash | \vdash | - | Н | |
| | 45 | +- | \vdash | \vdash | | | \vdash | ├─ | - | \vdash | |
| | 46 | + | \vdash | \vdash | - | | ┢ | ├- | - | Н | |
| - | 47 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | ├─ | - | \vdash | |
| - | 48 | ┢╾ | - | \vdash | ╁ | \vdash | \vdash | \vdash | | $\vdash \vdash$ | |
| | 49 | | ⊢ | \vdash | \vdash | | | \vdash | \vdash | $\vdash \vdash$ | |
| | 50 | ┼ | - | | \vdash | \vdash | ┢ | - | | Н | |

| Cla | iim | Date | | | Claim Date | | | | | | | | | | | | | | | | | |
|-------|----------|----------|----------|----------|------------|--|--------------|--------------|----------|--------------|---|----------|----------|----------|----------|----------|----------|--|----------|----------|----------------|-----------------|
| Final | Original | 2/16/06 | | | | | | | | | | Final | Original | | | | | | | | | |
| | _1 | > | | | | | | | | | | | 51 | | | | | | | | | |
| | 2 | V | | | | | | | | | | | 52 | | | | | | | | | |
| | 3 | ٧ | | | | | | | | | | | 53 | | | | | | | | | |
| | 4 | ٧ | | | | | | | | | | | 54 | | | | | | | | | |
| | 5 | > | | | | | | | | | | | 55 | | | | | | | | | |
| | 6 | > | | | | | | | | | | | 56 | | | | | | | | | |
| | 7 | V | | | | | | | | | | | 57 | | | | | | | | | |
| | 8 | | | | | | | | | | | | 58 | | | | | | | | | |
| | 9 | | | | | | | | | | | | 59 | | | | | | | | | |
| | 10 | | | | | | | | | | | | 60 | | | | | | | | | |
| | 11 | | | | | | | | | | | | 61 | | | | | | | | | |
| | 12 | | | | | | | | | | | | 62 | · | | | | | | | | |
| | 13 | | | | | | | | | | | | 63 | | | | | | | | | |
| | 14 | | | | | | | | | | | | 64 | Ш | | | | | | | | |
| | 15 | | | | | | | | | | | | 65 | Ш | | | | | L., | | | |
| | 16 | | | | | | | L | | | | | 66 | Ш | | | | | | | | |
| | 17 | | | | | | | | | | | | 67 | Ш | | | | | | _ | | |
| | 18 | | | | | | | | | | | | 68 | Ш | | | | | | | | |
| | 19 | | | | | | | | L., | | | | 69 | | | | | | | | | |
| | 20 | | | | | | | | | | | | 70 | Ш | | | | | | | | |
| | 21 | | | | | | | | | | | | 71 | | | | | | L | L | | |
| | 22 | | | | | | | | | | | | 72 | Ш | | | | | | | | |
| | 23 | | | | | | | | | | | | 73 | | | | | L | | | | |
| | 24 | | | | | | | | | | | | 74 | | | | | | | | | |
| | 25 | | | | | | | | | | | | 75 | | | | | | L | _ | | |
| | 26 | | | | | | | | | L | | | 76 | Ш | | | | | L | _ | | Ш |
| | 27_ | | L | | | | L | _ | | L_ | | | 77 | | | | | | | | | Ш |
| | 28 | | _ | | | <u> </u> | L | L | | L | | | 78 | | | | _ | _ | <u> </u> | L. | | Ш |
| | 29 | | | | | _ | L | | | L | | | 79 | Ш | | | | <u> </u> | | <u> </u> | | Ш |
| | 30 | | | | | _ | | | | | | | 80 | | | | | | _ | | | |
| | 31 | | | | | L | | L. | | | | | 81 | | | | | _ | 匚 | | | |
| | 32 | L | | L | | | | | L | L | | | 82 | | | | | | <u> </u> | L_ | | Ш |
| | 33 | 匚 | L | L | L | | <u> </u> | L | | | | | 83 | | | | | <u> </u> | 匚 | _ | <u> </u> | Щ |
| | 34 | | | | | <u> </u> | <u> </u> | _ | | 匚 | | | 84 | | | | | <u> </u> | _ | L | | Ш |
| | 35 | L | L | L_ | <u> </u> | <u> </u> | <u> </u> | _ | _ | _ | | | 85 | Ш | | | | $ldsymbol{ld}}}}}}$ | _ | _ | <u> </u> | Ш |
| | 36 | L | <u></u> | _ | | | L | _ | <u>_</u> | | | | 86 | | | | | L | _ | L | | Ш |
| | 37 | <u> </u> | _ | | _ | <u> </u> | _ | _ | | | | | 87 | Ш | | | <u> </u> | _ | | L | _ | Ш |
| | 38 | | | | L | ╙ | _ | _ | | - | | ļ | 88 | | | | L | | <u> </u> | _ | | Щ |
| | 39 | L | L | L | | ╙ | <u> </u> | <u> </u> | _ | _ | | | 89 | ļ | | | | | | _ | _ | Щ |
| | 40 | L | _ | _ | _ | L. | <u> </u> | _ | _ | <u>L</u> | | | 90 | L | _ | | _ | | ╙ | _ | _ | Щ |
| | 41 | <u> </u> | <u> </u> | L_ | <u> </u> | <u> </u> | <u> </u> | <u> </u> | ╙ | _ | | | 91 | <u> </u> | <u> </u> | | <u> </u> | L | _ | <u> </u> | <u> </u> | Ш |
| | 42 | _ | _ | ┡ | _ | <u> </u> | ļ | <u> </u> | <u> </u> | | | | 92 | _ | _ | | _ | <u> </u> | <u> </u> | \vdash | <u> </u> | Ш |
| | 43 | _ | <u> </u> | <u> </u> | <u> </u> | - | <u> </u> | ⊢ | | <u> </u> | | | 93 | \vdash | <u> </u> | | \vdash | ऻ | | ! | <u> </u> | $\vdash \vdash$ |
| | 44 | <u> </u> | <u> </u> | | ļ | \vdash | \vdash | ├ | L- | <u> </u> | | | 94 | | <u> </u> | _ | \vdash | ⊢- | ļ | | ļ., | Ш |
| | 45 | | ⊢ | \vdash | _ | | <u> </u> | <u> </u> | | <u> </u> | | | 95 | \vdash | | | <u> </u> | <u> </u> | <u> </u> | <u> </u> | _ | |
| | 46 | ⊢ | <u> </u> | — | <u> </u> | ┞ | ├- | <u> </u> | L. | <u> </u> | | | 96 | \sqcup | <u> </u> | | \vdash | <u> </u> | <u> </u> | <u> </u> | \vdash | Ш |
| | 47 | <u> </u> | | _ | _ | ऻ | \vdash | ╙ | <u> </u> | <u> </u> | | | 97 | | | | \vdash | <u> </u> | <u> </u> | <u> </u> | ⊢ – | Н |
| | 48 | ļ | <u> </u> | <u> </u> | ⊢ | Ь. | | | <u> </u> | | | | 98 | \vdash | <u> </u> | _ | ⊢ | _ | _ | | <u> </u> | \vdash |
| | 49 | <u> </u> | <u> </u> | <u> </u> | L | | ├ | <u> </u> | <u> </u> | <u> </u> | | <u> </u> | 99 | _ | <u> </u> | | \vdash | | <u> </u> | <u> </u> | _ | $\vdash \vdash$ |
| | 50 | L_ | | | | <u>_</u> | Ц_ | <u> </u> | L | <u> </u> | J | L | 100 | ئــــا | L | <u> </u> | <u> </u> | | L | | <u> </u> | Ш |

| Tell | Cla | aim | Date | | | | | | | | | |
|---|------------|-----|--------------|--------------|--------------|--------------|--------------|--------------|----------|--|-----------------|--|
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | | | | | | | | | | | | |
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | ъ | iğ | | | | | | | | | | |
| 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 144 145 146 147 148 149 | ίĒ | Žić | | | | | | | | | | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 | | | | | | | | | | | | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 | | 101 | | | | | | | | | Ш | |
| 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 149 149 140 141 142 143 144 145 146 147 148 149 | | 102 | | | L. | L., | | | | | | |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 148 149 149 148 149 149 148 149 149 | | 103 | | | | | | | | | | |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 148 149 149 148 149 149 148 149 149 | | 104 | | | | | | | | | \sqcup | |
| 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 149 148 149 149 148 149 149 148 149 149 | | 105 | _ | | <u> </u> | _ | _ | | | | | |
| 109 | | 106 | | | | _ | | | | | Н | |
| 109 | | 107 | | | | | | | | | \dashv | |
| 110 111 112 13 114 15 116 17 118 19 120 121 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | | 108 | Щ | | <u> </u> | <u> </u> | _ | | | | \dashv | |
| 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 109 | Н | | <u> </u> | <u> </u> | _ | | | | \dashv | |
| 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 110 | | | ⊢ | <u> </u> | - | | _ | | | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 111 | \vdash | | - | - | | _ | - | | - | |
| 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 112 | | _ | \vdash | - | - | | H | <u> </u> | \dashv | |
| 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 149 149 | ļ <u> </u> | 113 | \vdash | — | ├ | ├ | - | H | \vdash | \vdash | \vdash | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 114 | \vdash | | | ├- | \vdash | H | \vdash | \vdash | $\vdash \vdash$ | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 116 | \vdash | | \vdash | \vdash | \vdash | - | | | \vdash | |
| 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 | | 117 | | \vdash | | ┢ | - | \vdash | \vdash | \vdash | \vdash | |
| 120 | | 118 | - | — | \vdash | ┢ | - | \vdash | \vdash | \vdash | \vdash | |
| 120 | | 110 | - | - | ┢ | \vdash | \vdash | | | Н | | |
| 123 | | 120 | \vdash | - | - | ├─ | \vdash | \vdash | ┢ | | \vdash | |
| 123 | | 121 | | | \vdash | \vdash | \vdash | ├─ | - | | | |
| 123 | | 122 | - | \vdash | \vdash | _ | H | ┢ | \vdash | | | |
| 126 | | 123 | | \vdash | _ | \vdash | H | _ | | | | |
| 126 | | 124 | | \vdash | \vdash | - | - | - | \vdash | _ | | |
| 126 | - | 125 | \vdash | \vdash | \vdash | \vdash | | \vdash | | | | |
| 134 | | 126 | _ | \vdash | Г | | | | | | | |
| 134 | | 127 | T | | Г | Т | | | | | П | |
| 134 | | 128 | | | | | | | T | | П | |
| 134 | | 129 | | | | | | | | | | |
| 134 | | 130 | | | | | | | | | | |
| 134 | | 131 | | | | | | | | | П | |
| 134 | | 132 | | | | | | | | | | |
| 134 | | 133 | | | | | | | | | | |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 134 | | | | | | | | | | |
| 136 137 138 139 140 141 142 143 144 145 146 147 148 | | 135 | | · | | | 匚 | | | | | |
| 139 140 141 142 143 144 145 146 147 148 149 | | 136 | L | | | 匚 | 匚 | | | | | |
| 139 140 141 142 143 144 145 146 147 148 149 | | 137 | | $oxed{\Box}$ | | Щ. | <u> </u> | <u> </u> | <u> </u> | <u> </u> | Ш | |
| 140 141 142 143 144 145 146 147 148 149 | <u> </u> | 138 | L_ | L | <u></u> | _ | L | L_ | L | oxdot | Ш | |
| 141 142 143 144 145 146 147 148 149 | | 139 | $oxed{oxed}$ | | <u> </u> | <u></u> | <u> </u> | <u> </u> | <u></u> | | Ш | |
| 142 143 144 145 146 147 148 149 | <u> </u> | | <u> </u> | | <u> </u> | \vdash | <u> </u> | <u> </u> | ļ | L | \vdash | |
| 143 144 145 146 147 148 149 | ļ | 141 | ├ | | | \vdash | | | <u> </u> | \vdash | Н | |
| 144 | <u> </u> | | <u> </u> | <u> </u> | \vdash | \vdash | ├- | - | <u> </u> | <u> </u> | ├ | |
| 145 | <u> </u> | | <u> </u> | ├- | ├ | \vdash | | - | ├- | — | \vdash | |
| 146 147 148 149 | <u> </u> | | | - | ├- | ├- | ├ | \vdash | ├- | \vdash | - | |
| 147 | <u> </u> | 145 | \vdash | \vdash | \vdash | | \vdash | | ├- | | \vdash | |
| 148 | <u> </u> | | | - | | - | | — | - | - | \vdash | |
| 149 | <u> </u> | | ├ ─ | ⊢ | - | \vdash | ├- | ├- | ⊢ | ├_ | \vdash | |
| | <u> </u> | | ├ | ⊢ | ⊢ | \vdash | ├ | - | - | ⊢ | - | |
| 130 | | | ⊢ | \vdash | - | \vdash | ⊢ | Ͱ | ├ | ⊬ | - | |
| | L | 150 | Ц_ | L. | L | Ц. | <u> </u> | 1 | <u>t</u> | Ц. | L | |